

1/31

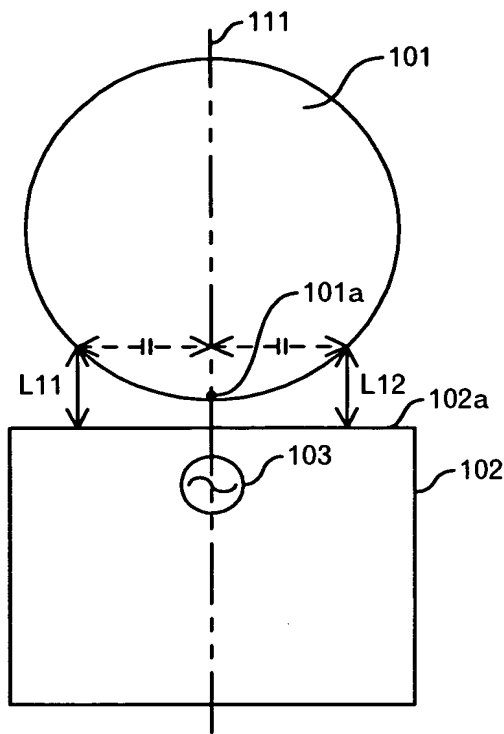


FIG. 1A

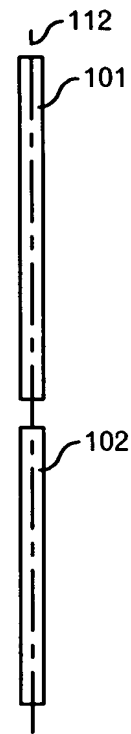


FIG. 1B

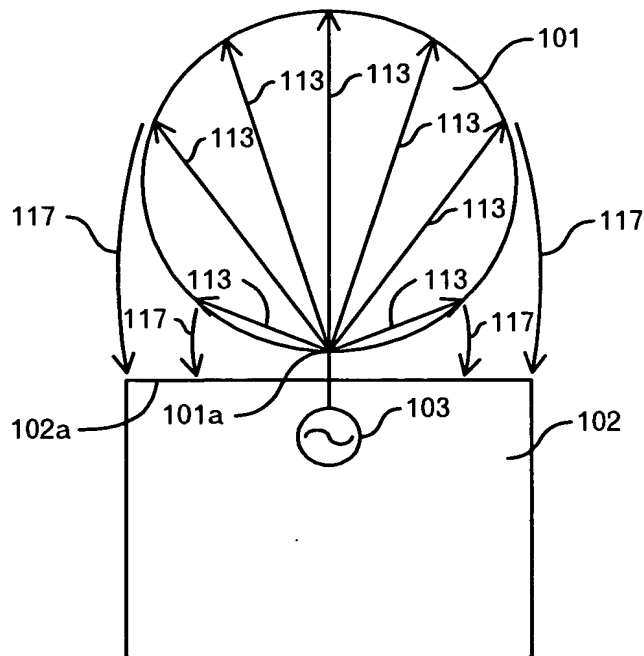


FIG. 2

2/31

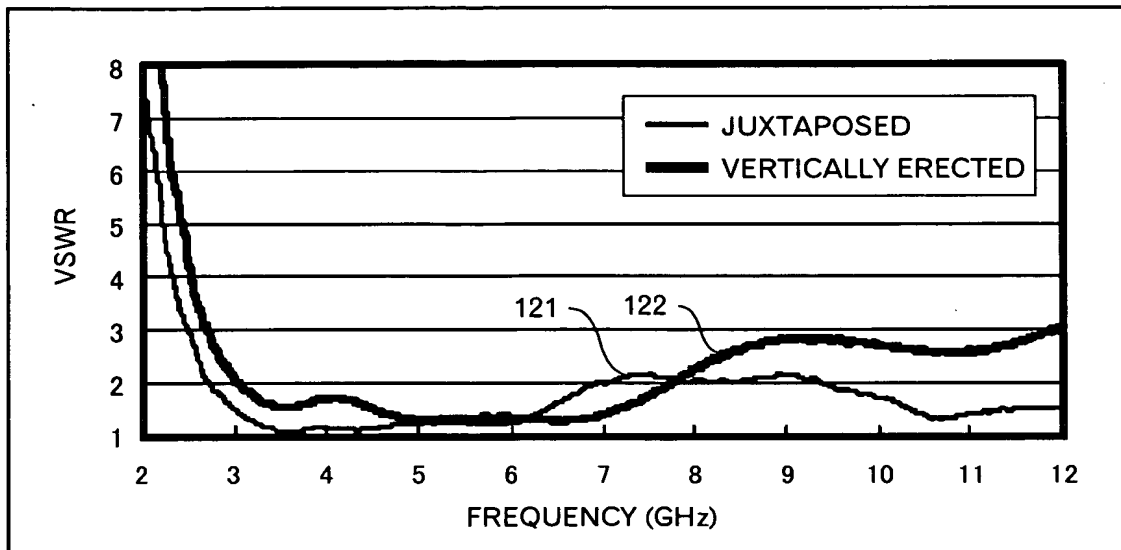


FIG.3

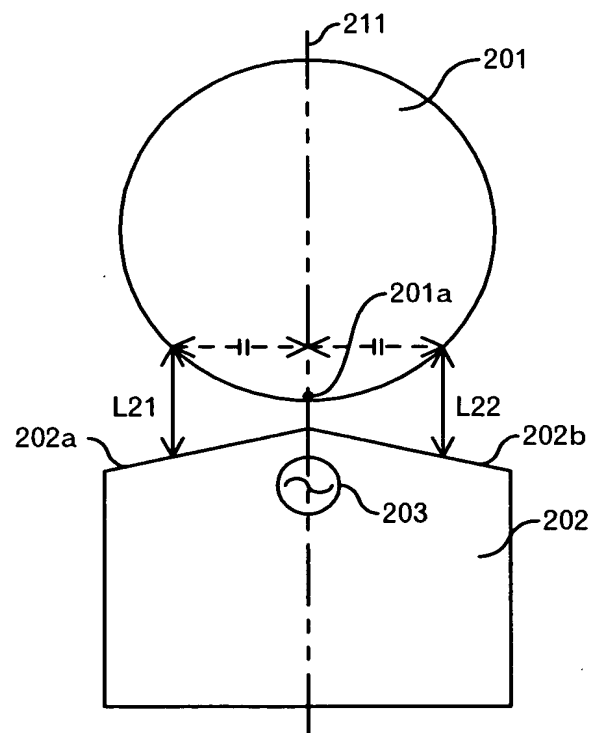


FIG.4

3/31

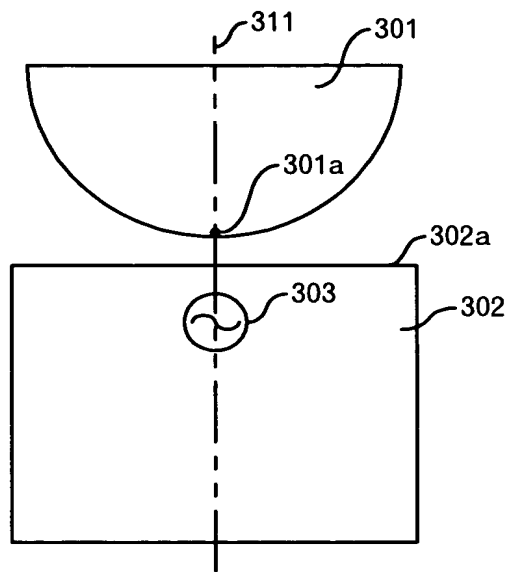


FIG. 5

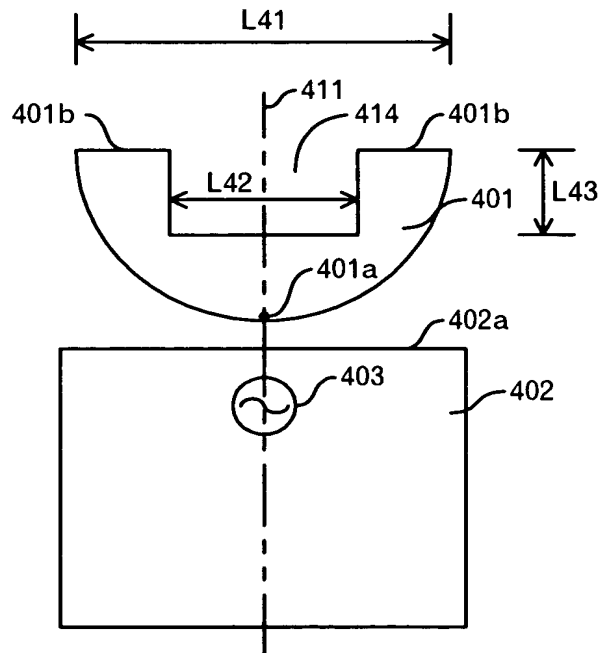


FIG. 6

4/31

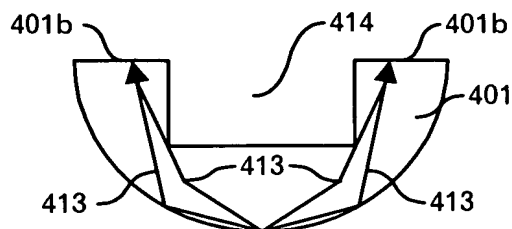


FIG.7

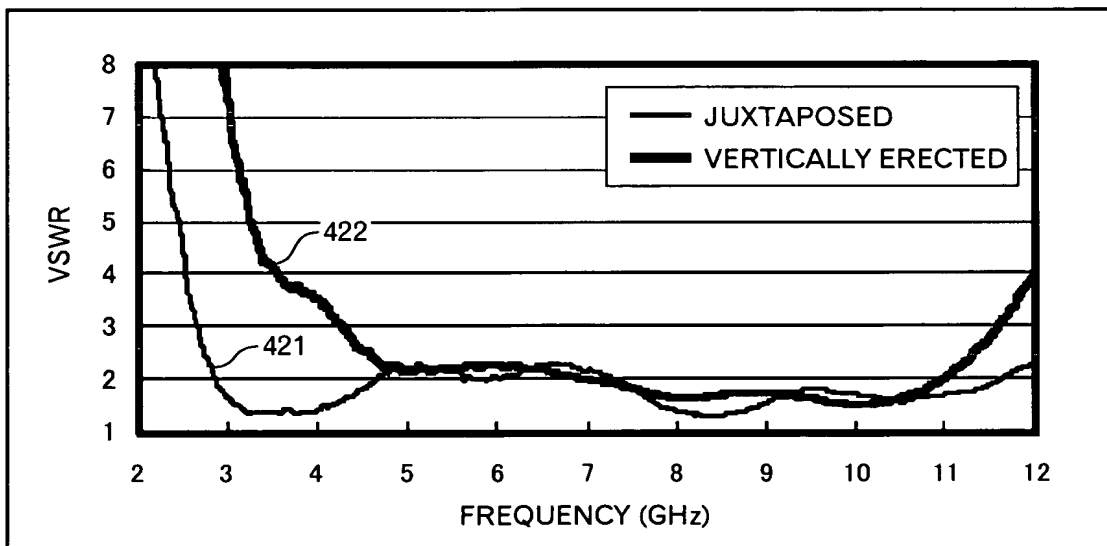


FIG.8

5/31

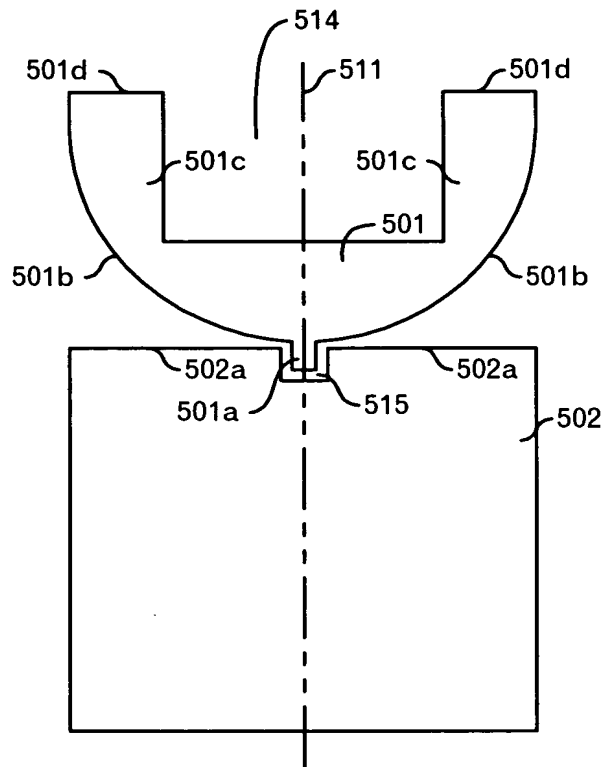


FIG.9

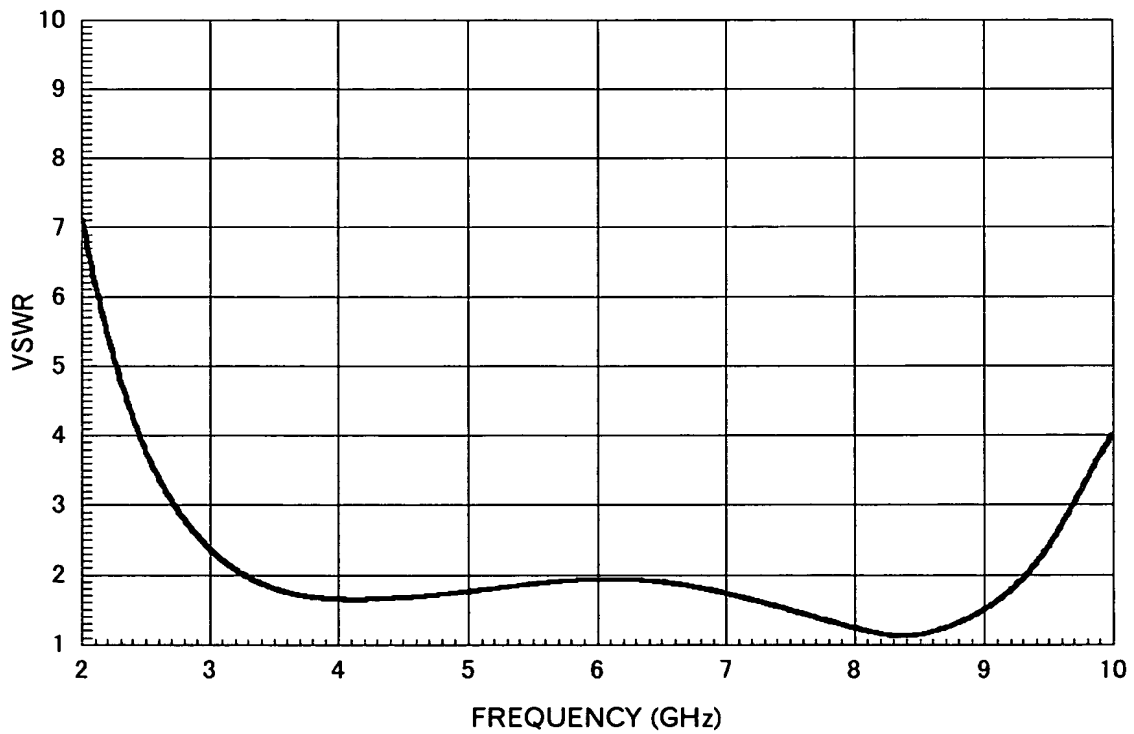


FIG.10

6/31

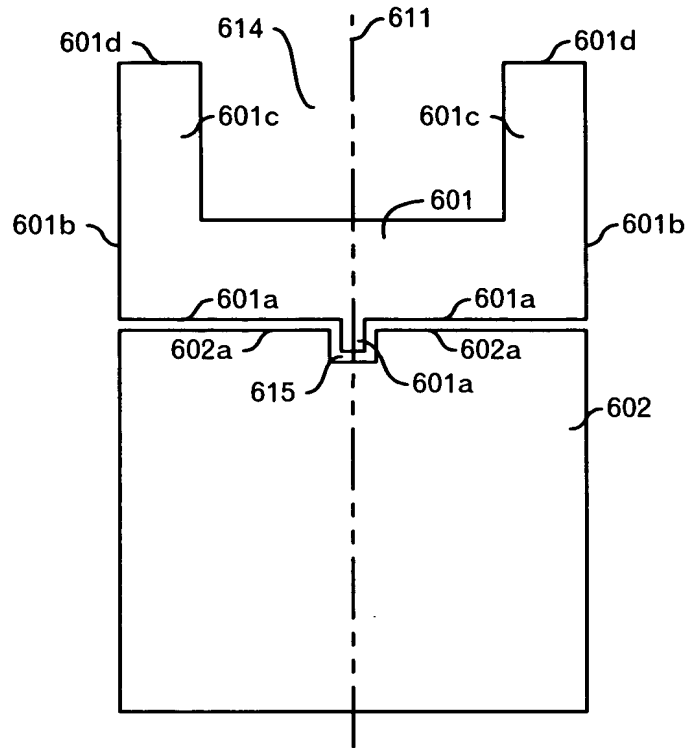


FIG.11

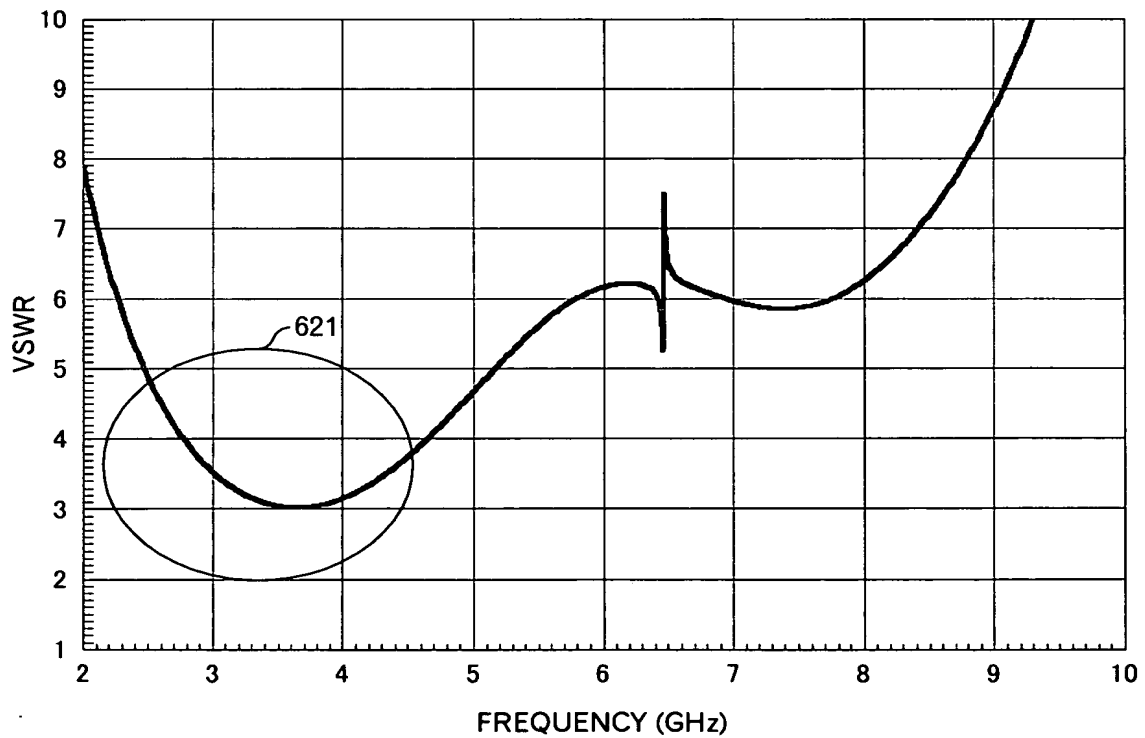


FIG.12



8/31

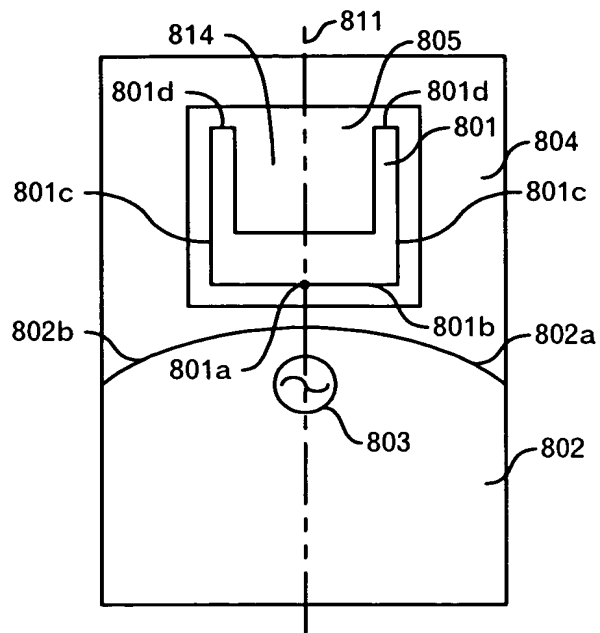


FIG. 15

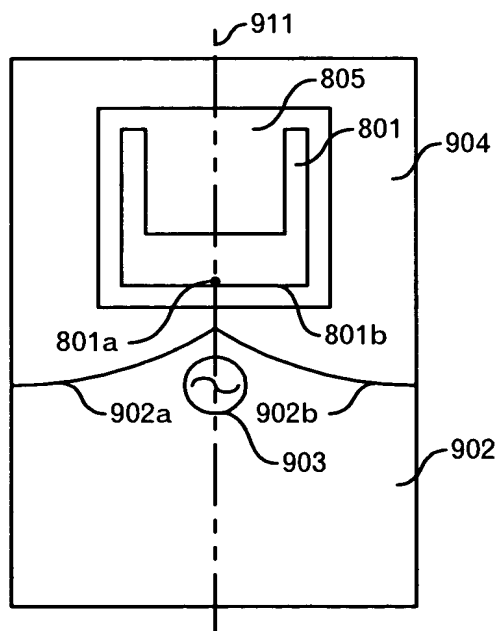


FIG. 16



9/31

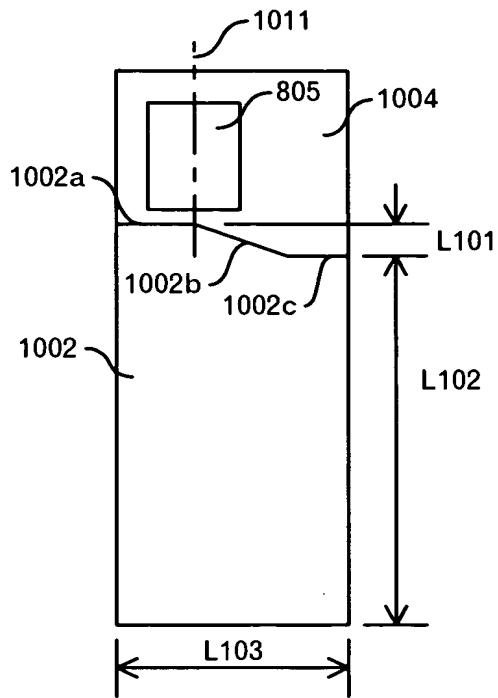


FIG. 17A

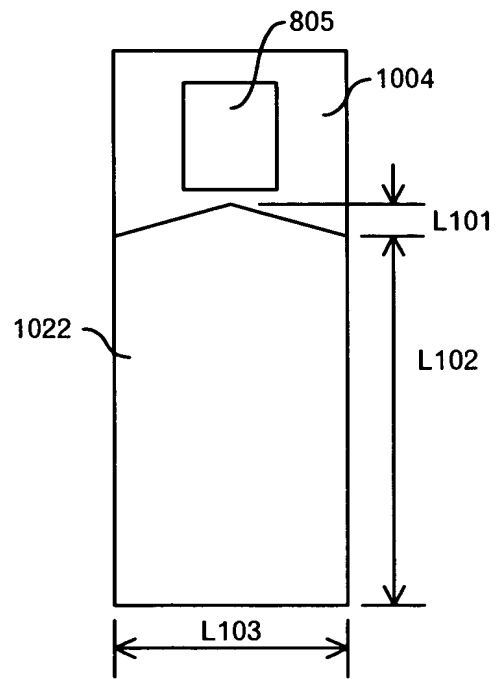


FIG. 17B

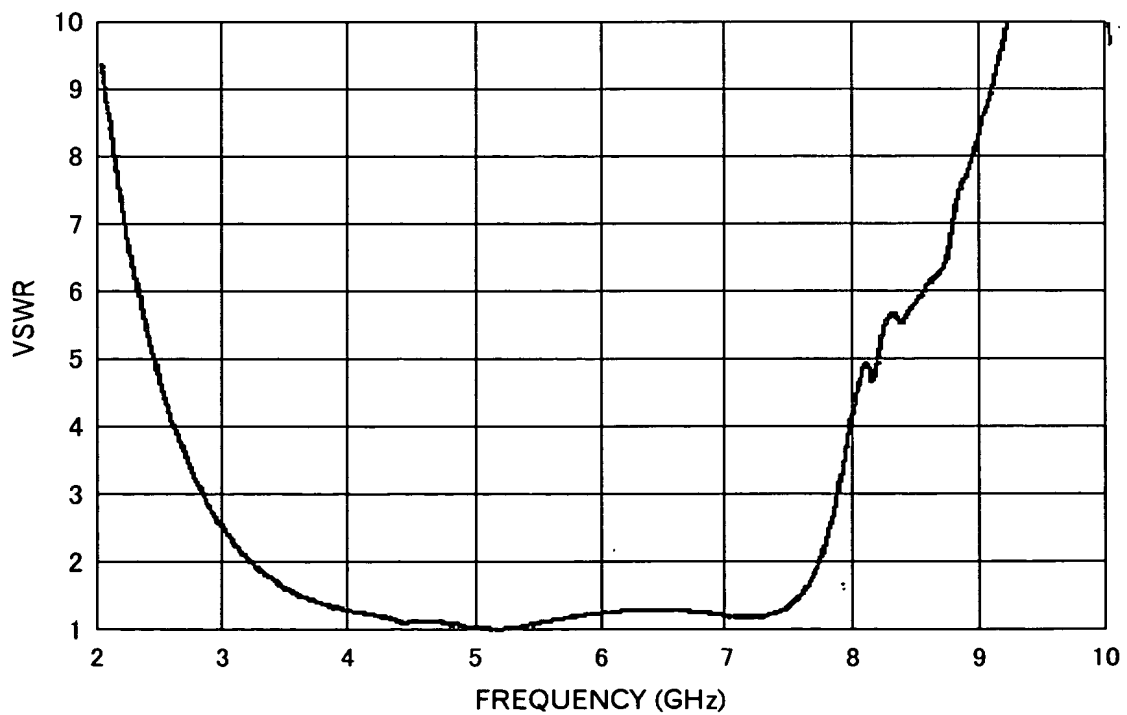


FIG. 18

10/31

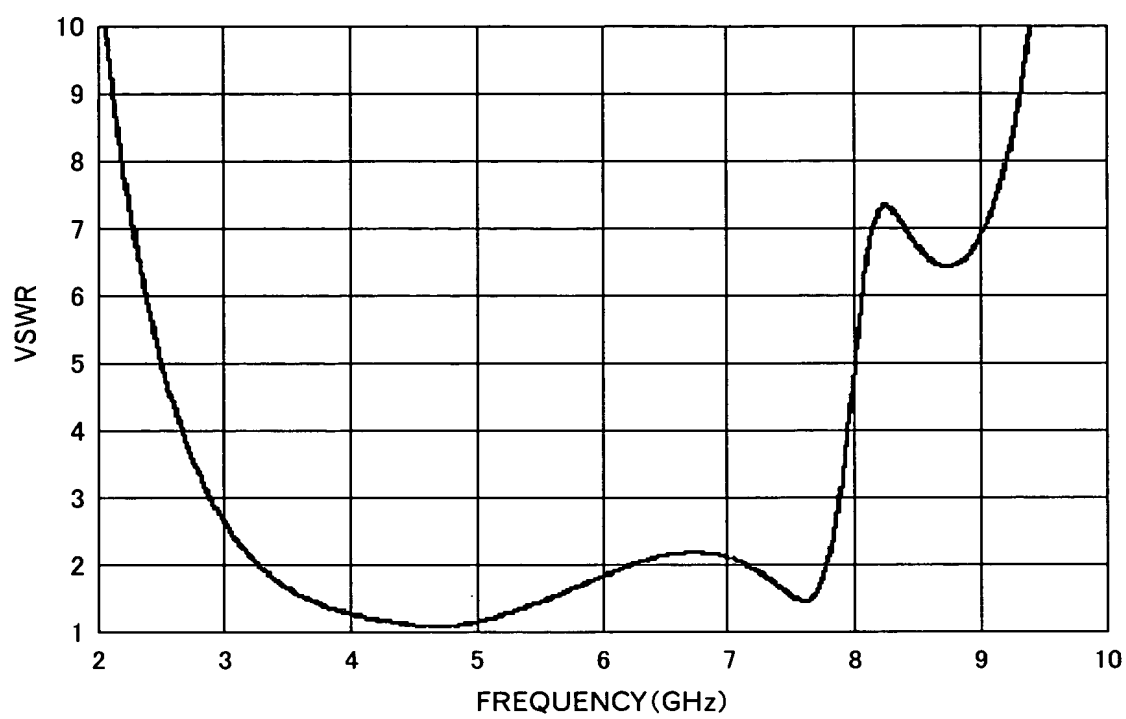


FIG.19

11/31

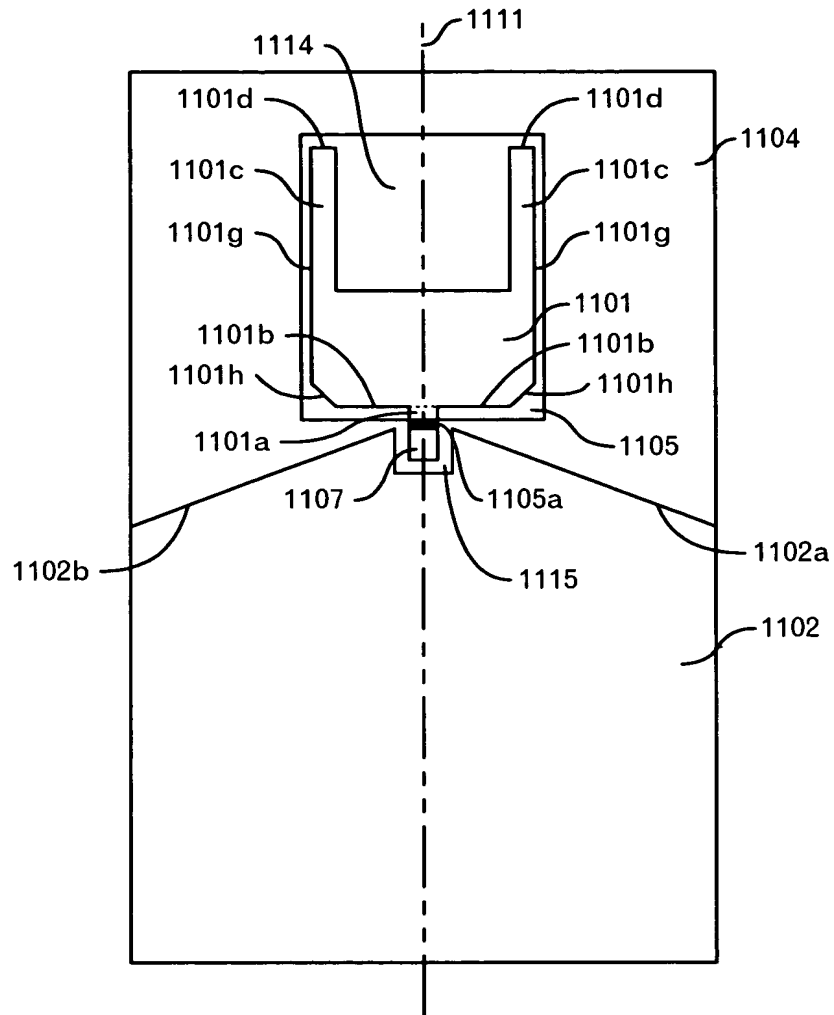


FIG.20

12/31

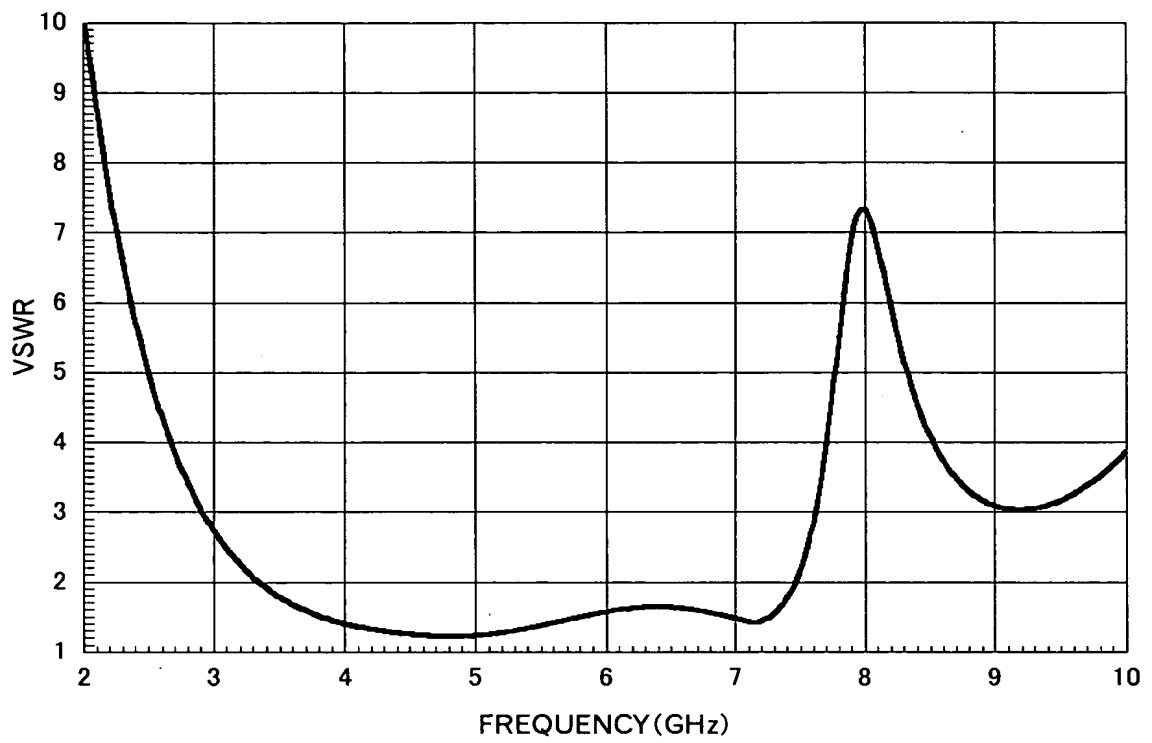


FIG.21

13/31

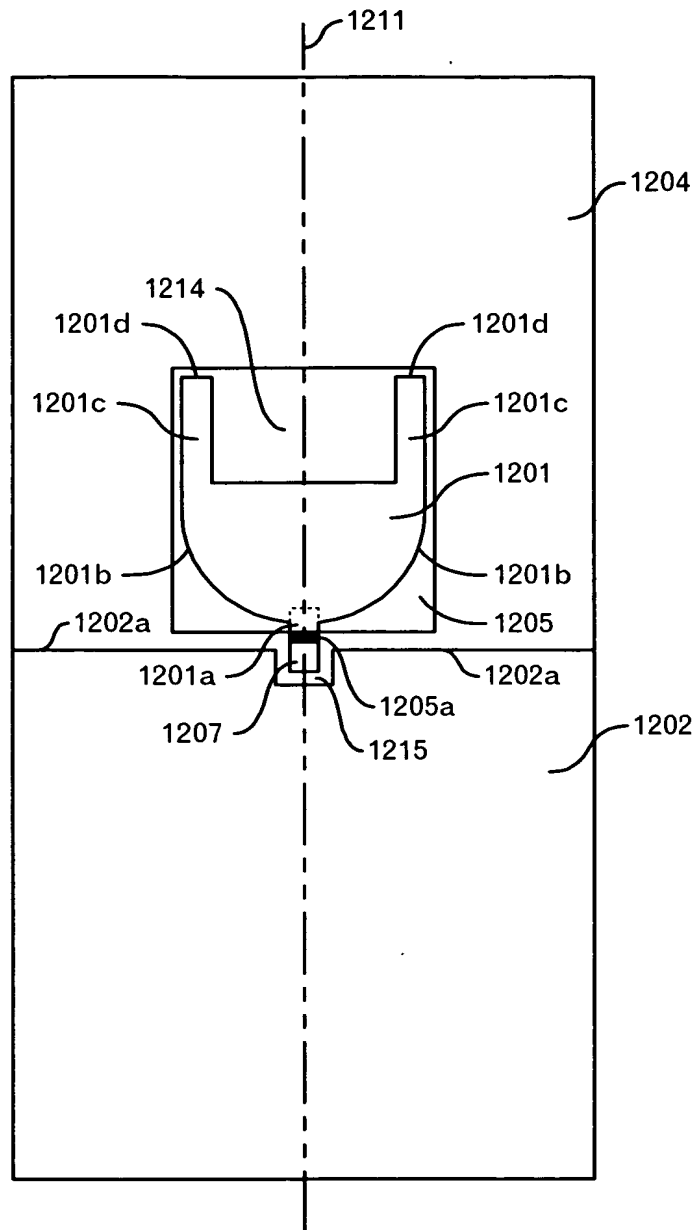


FIG.22

14/31

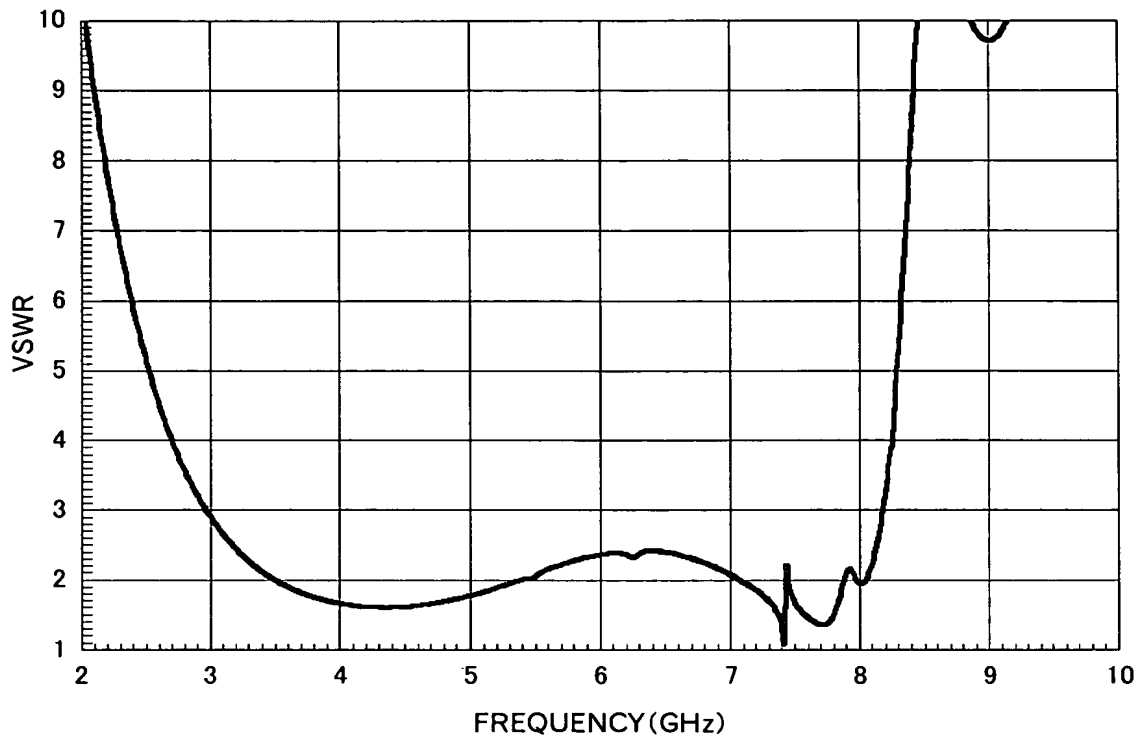


FIG.23

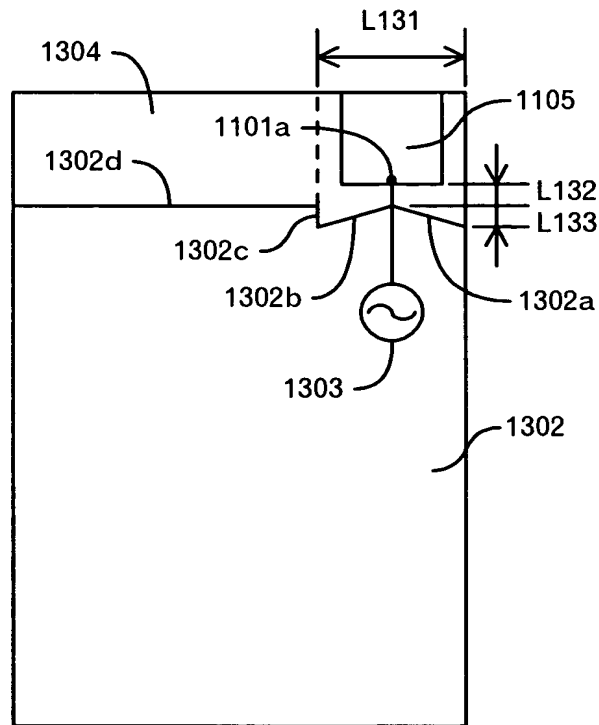


FIG.24

15/31

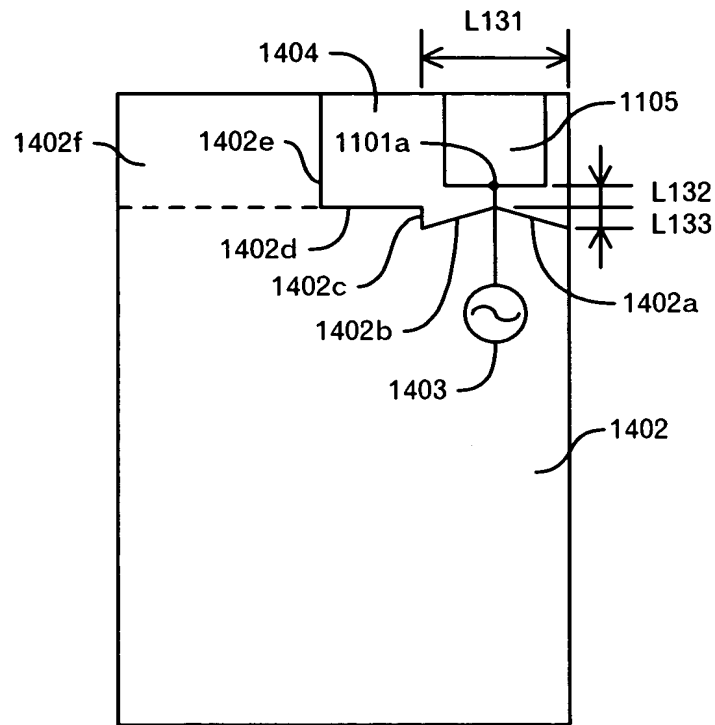


FIG.25

16/31

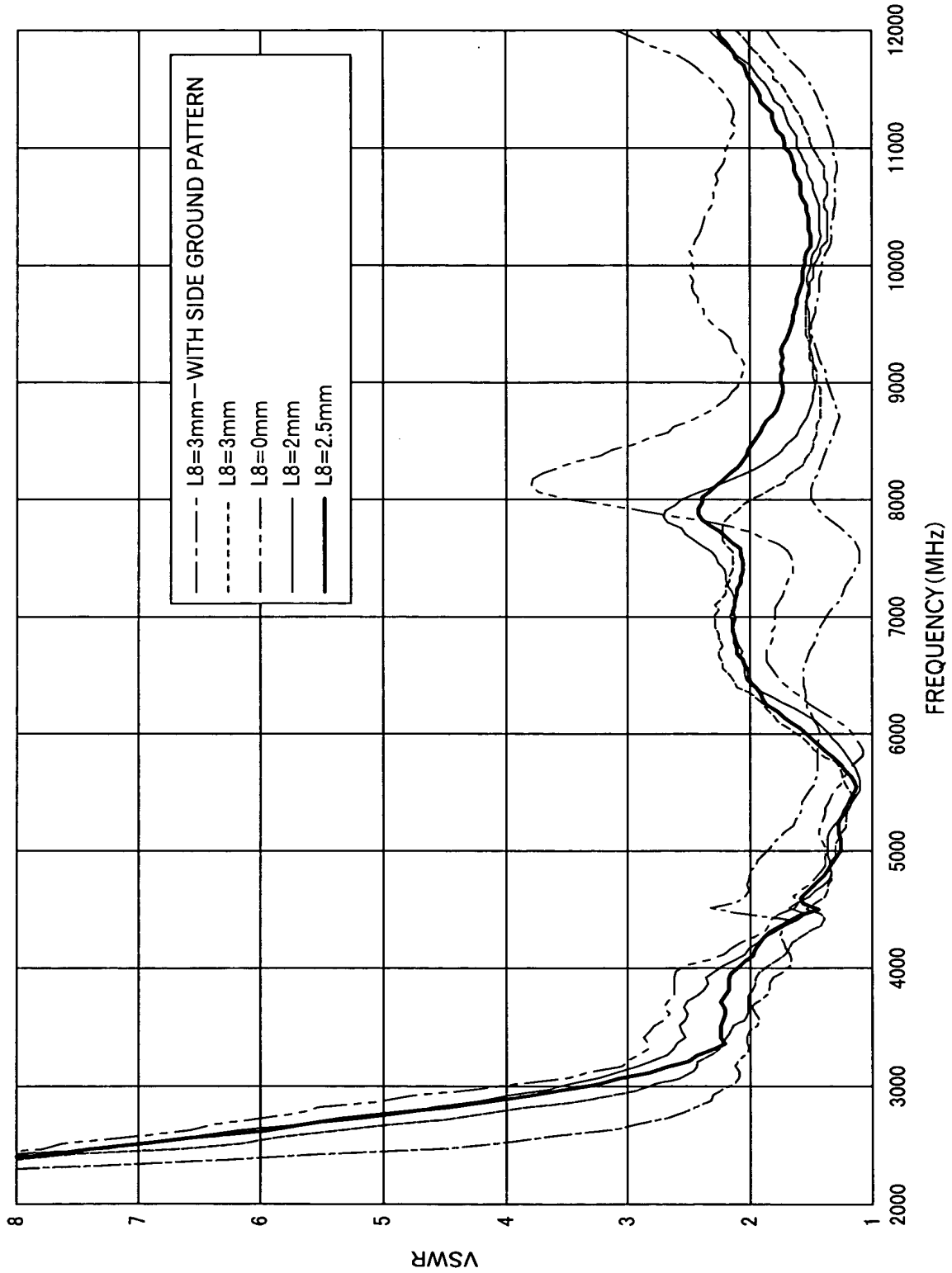


FIG.26



17/31

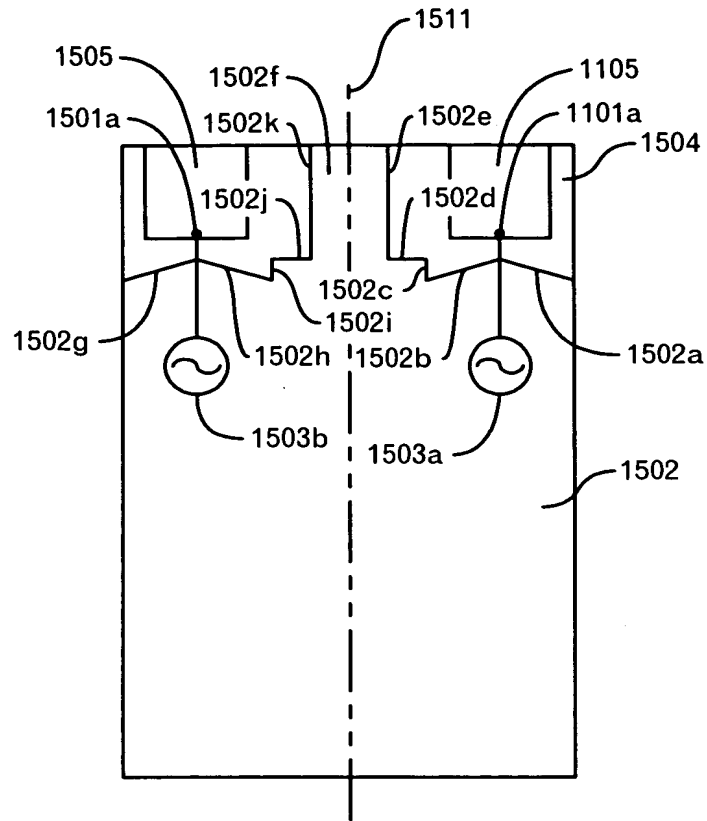


FIG. 27

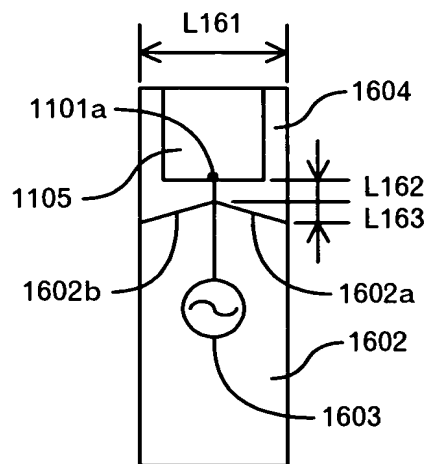


FIG. 28

18/31

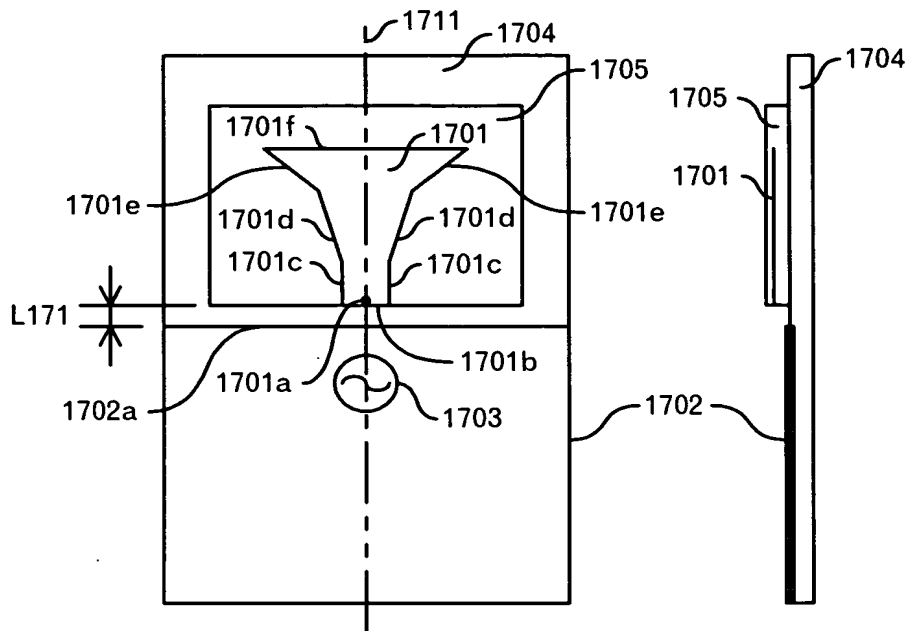


FIG.29A

FIG.29B

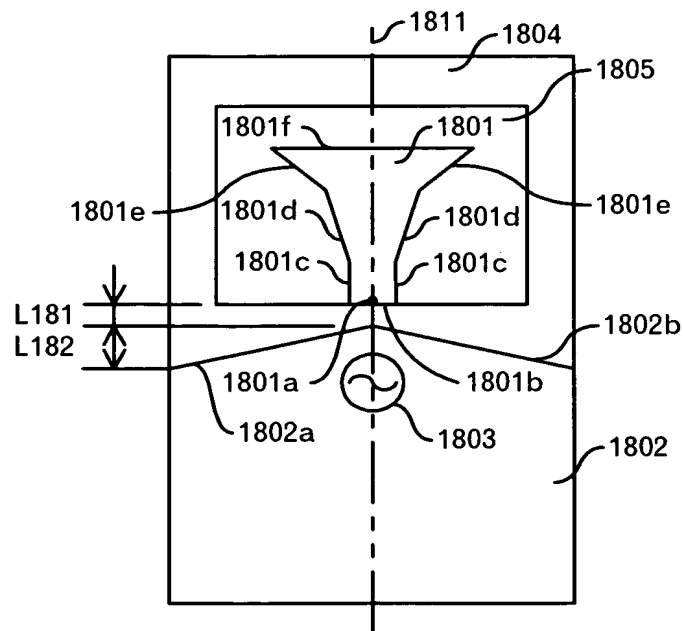


FIG.30

19/31

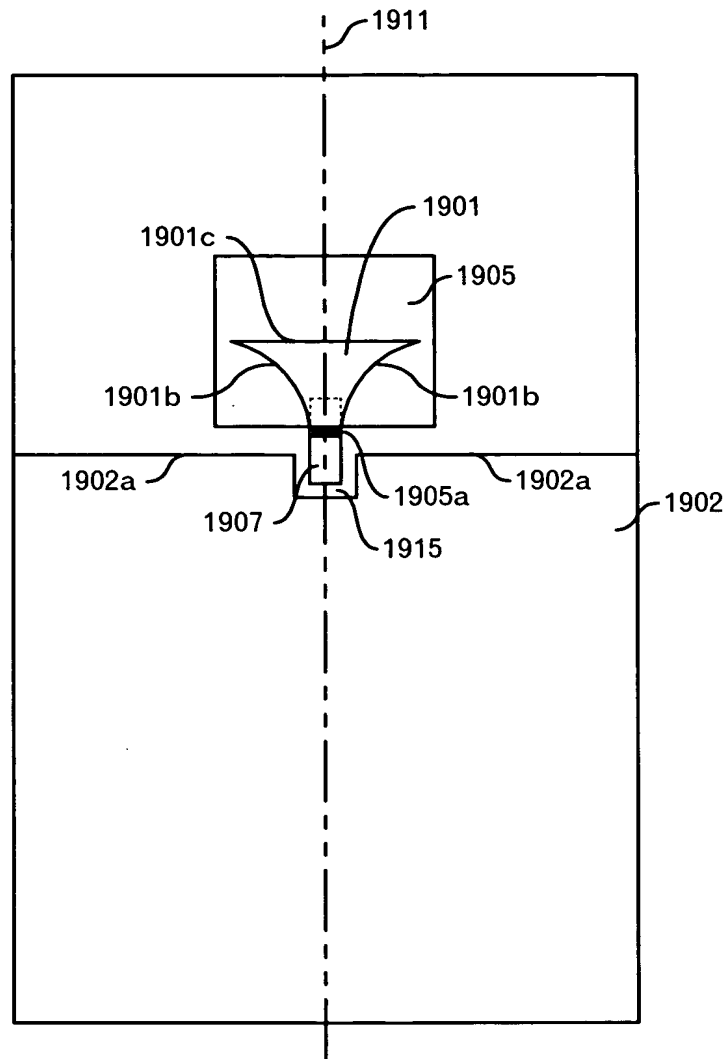


FIG.31

20/31

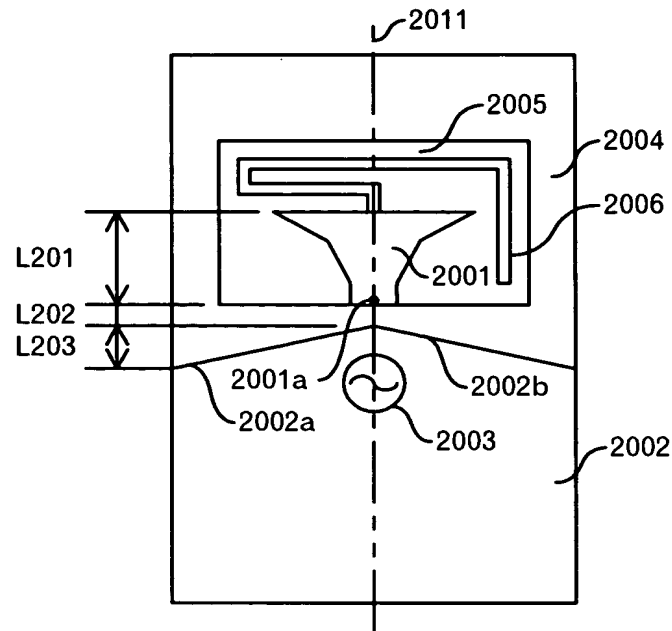


FIG. 32

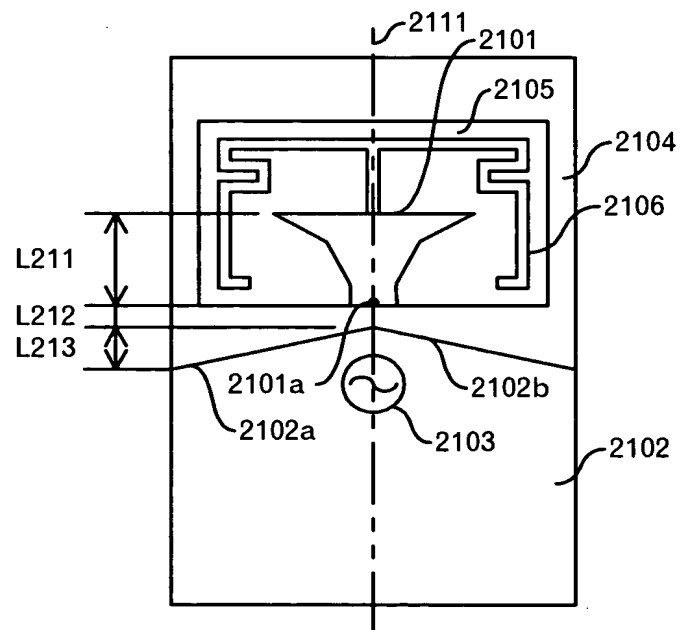


FIG. 33

21/31

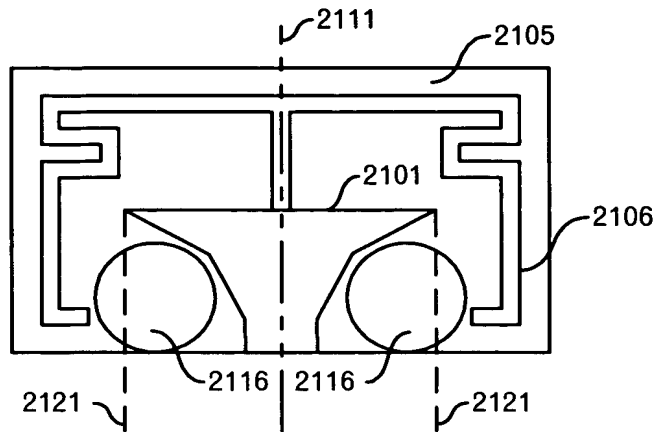


FIG.34

PLANE	POLARIZED ELECTROMAGNETIC RADIATION	FREQUENCY(GHz)		dBi
		2.45	5.4	
YZ	V	-7.1	-9.9	
	H	-2.2	-0.8	
XZ	V	0.6	-3.7	
	H	-8.2	-7.2	
XY	V	-14.5	-12.8	
	H	-2.1	-0.7	
TOTAL AVERAGE		-3.4	-3.9	

FIG.39

22/31

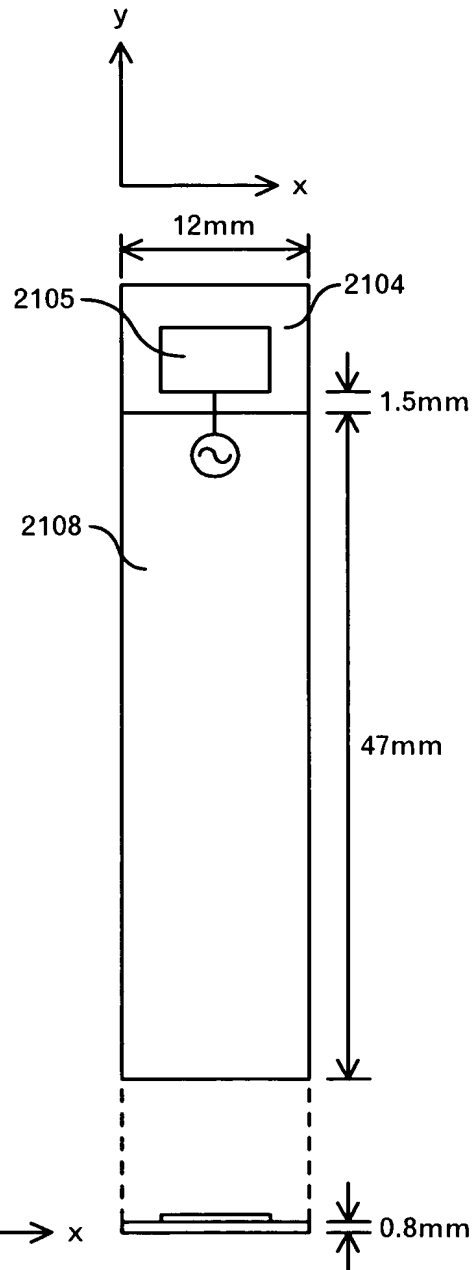


FIG.35A

FIG.35B

23/31

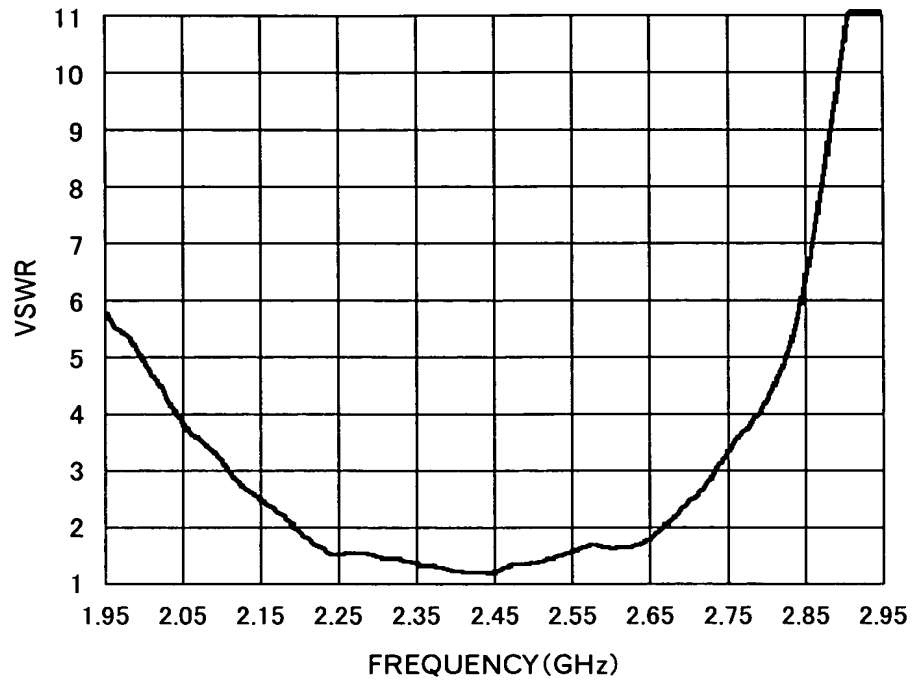


FIG.36

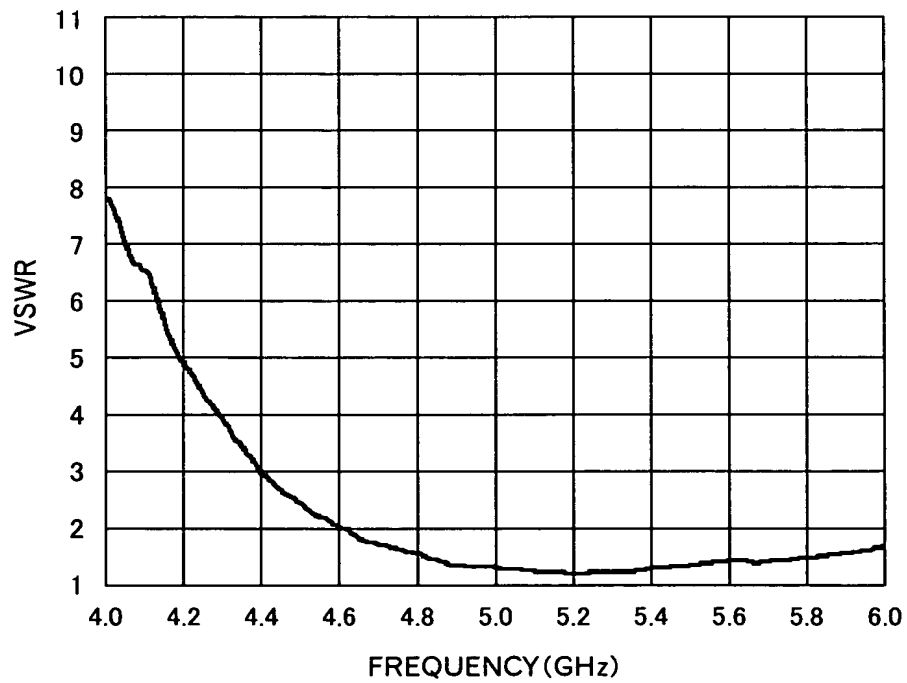


FIG.37

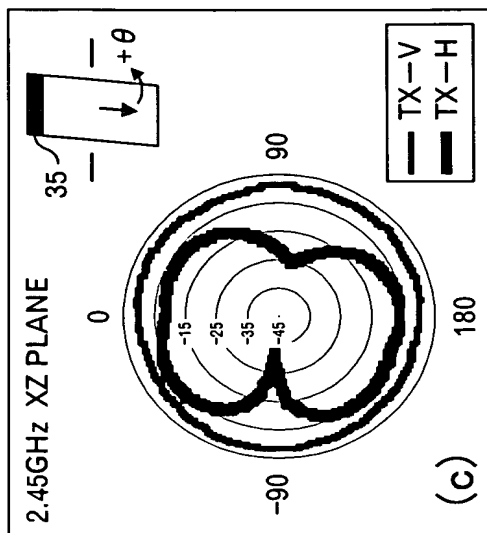


FIG.38C

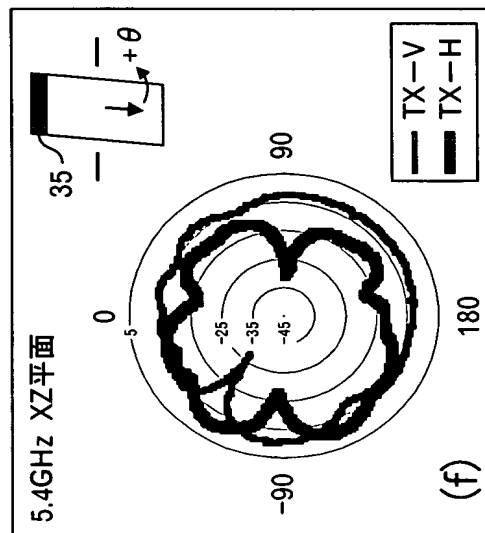


FIG.38F

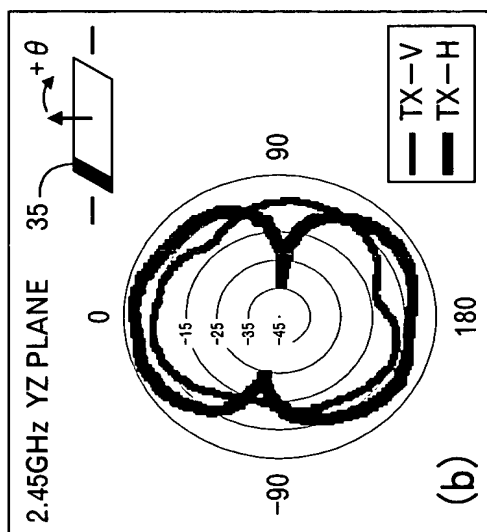


FIG.38B

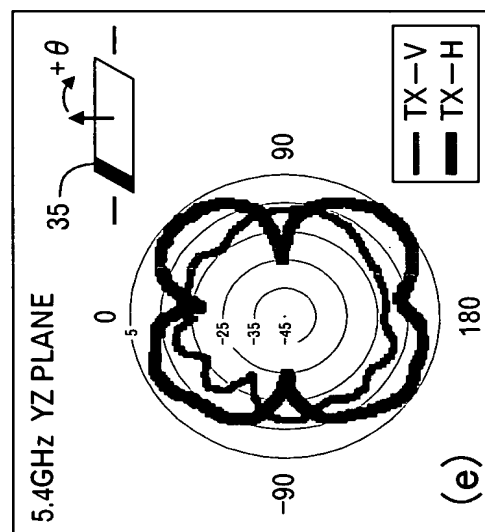


FIG.38E

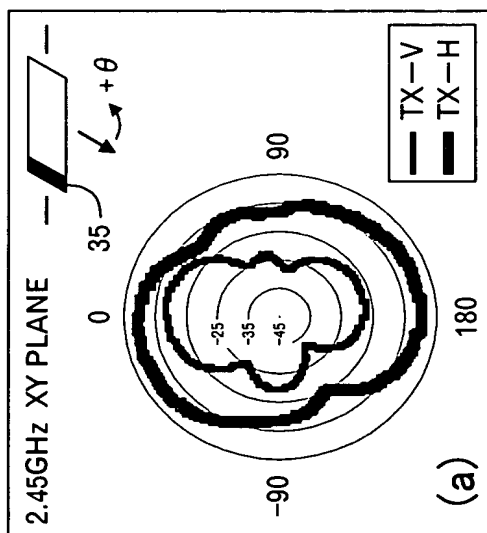


FIG.38A

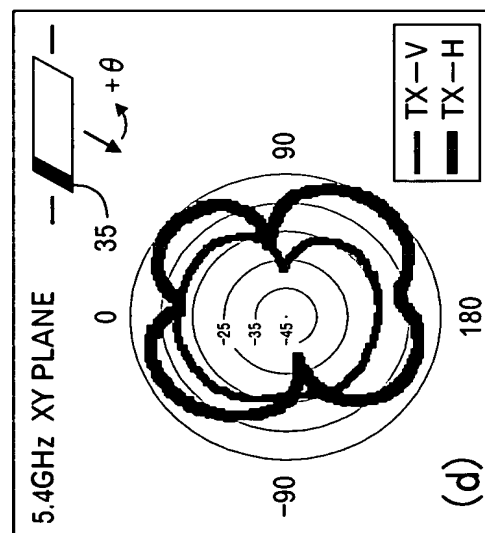


FIG.38D



25/31

FIG.40A

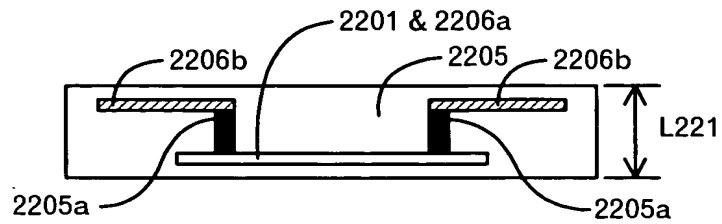


FIG.40B

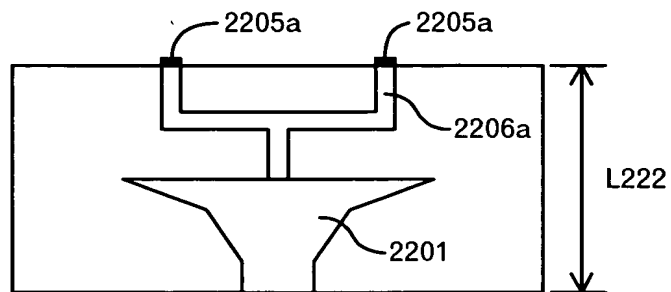
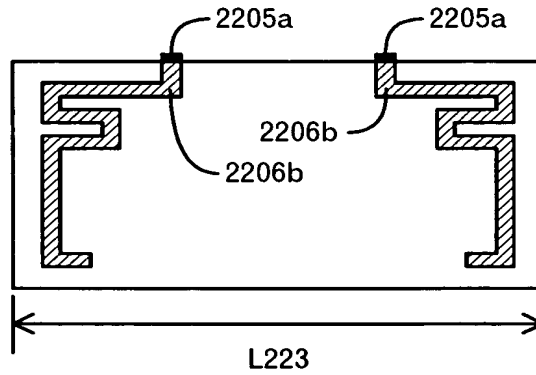


FIG.40C



26/31

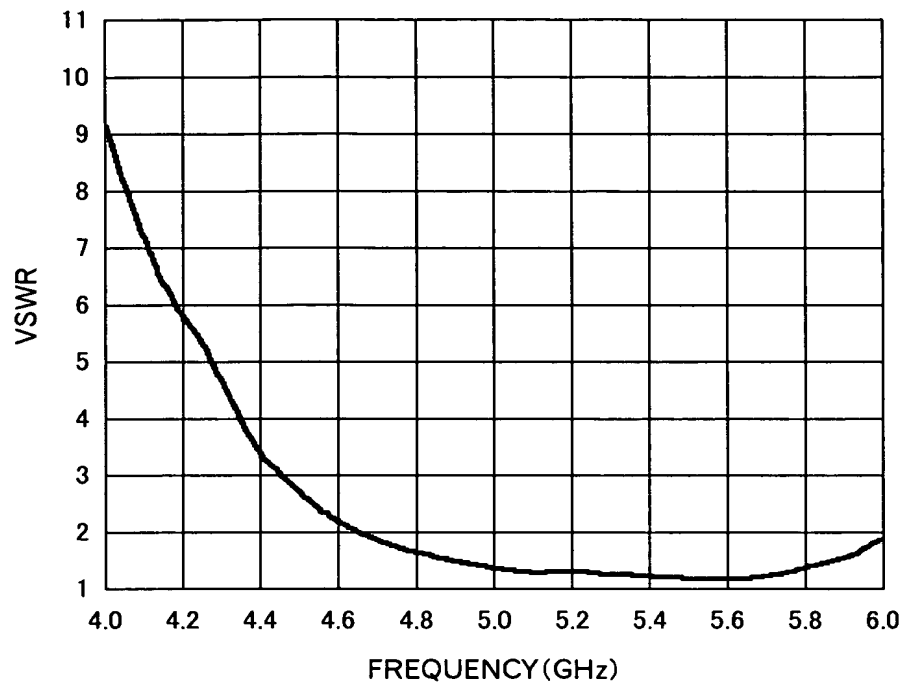


FIG.41

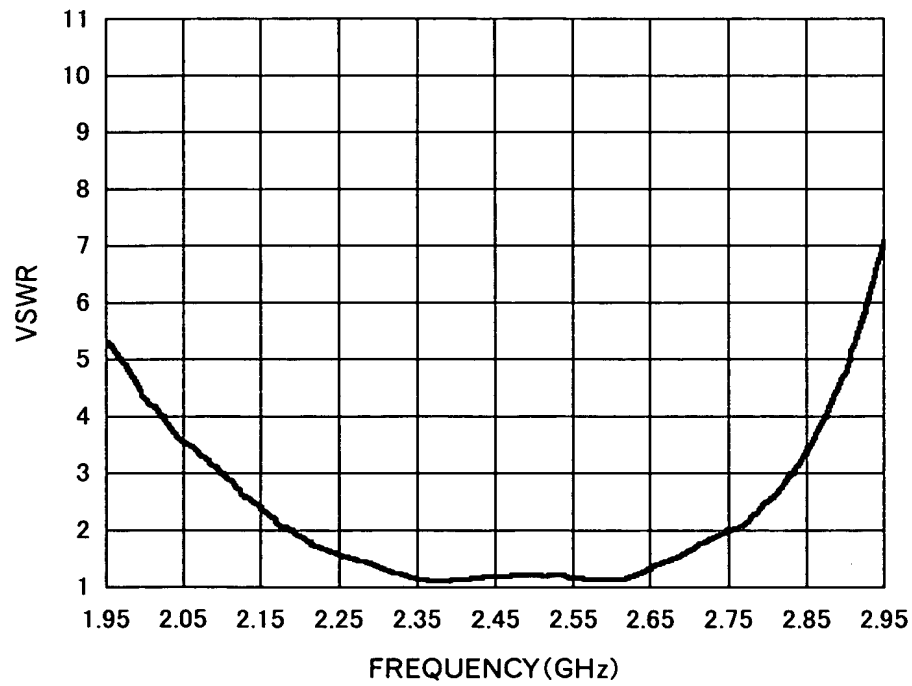


FIG.42

27/31

FIG.43A

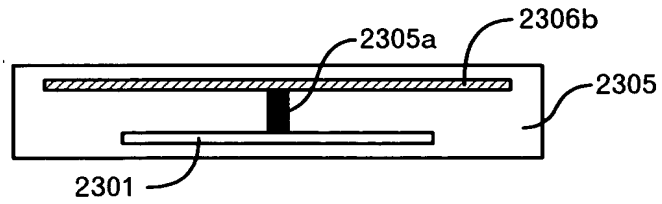


FIG.43B

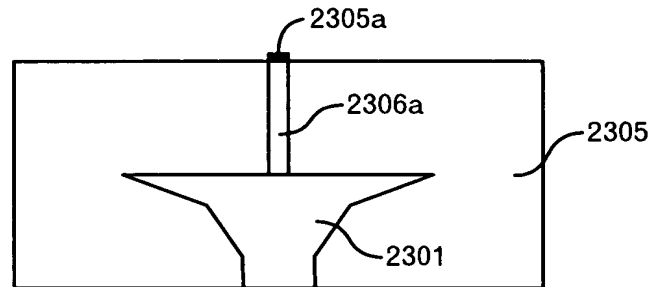
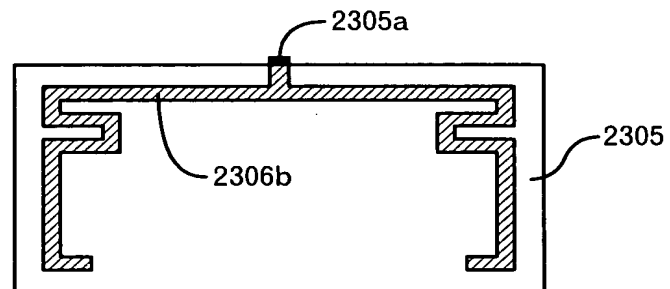


FIG.43C



28/31

FIG.44A

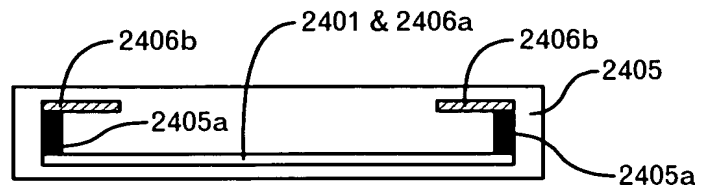


FIG.44B

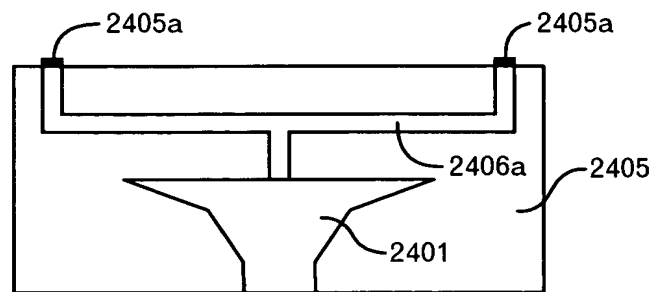
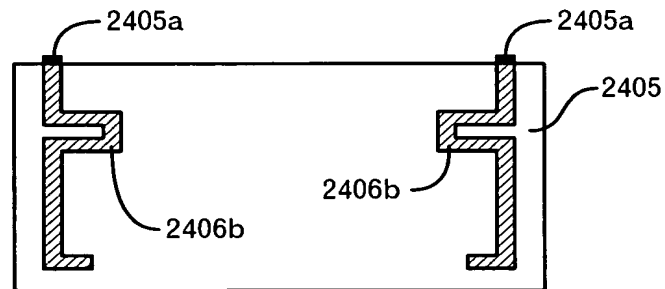


FIG.44C



29/31

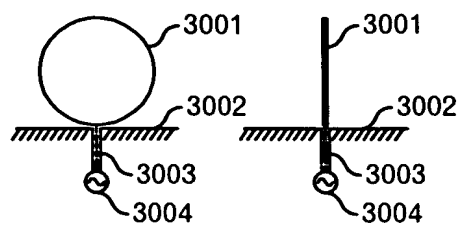


FIG. 45A FIG. 45B

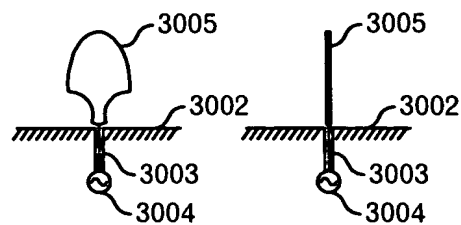


FIG. 45C FIG. 45D

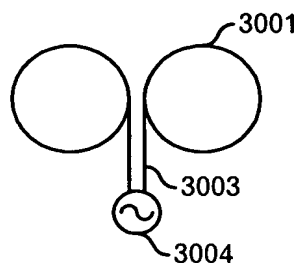


FIG. 45E

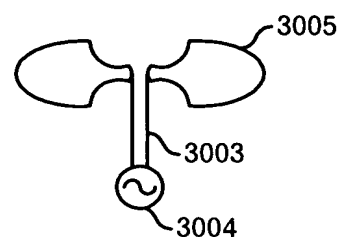


FIG. 45F

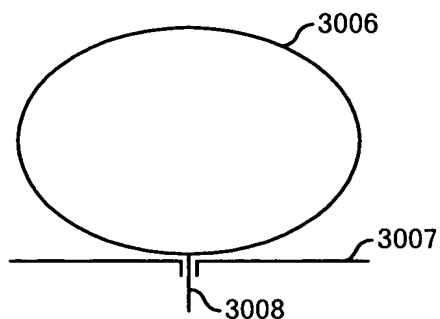


FIG. 45G

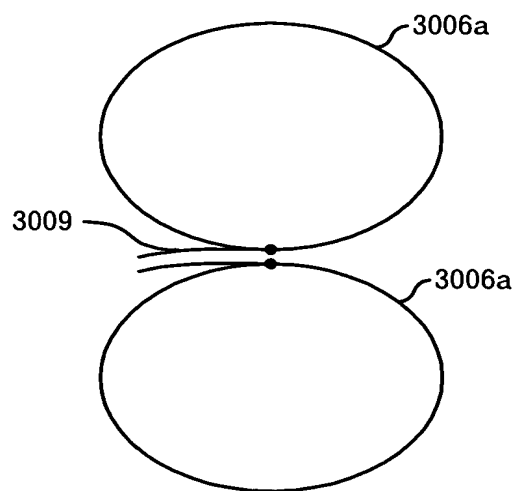


FIG. 45H

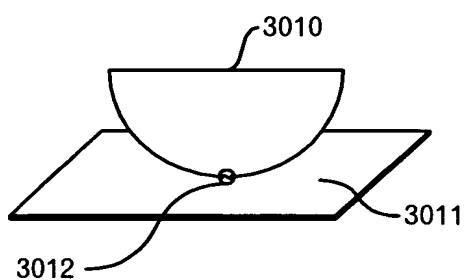


FIG. 45J

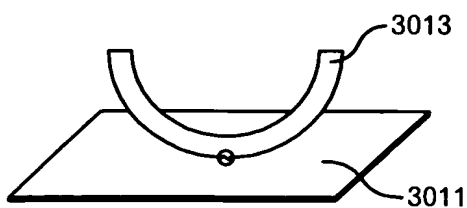


FIG. 45K

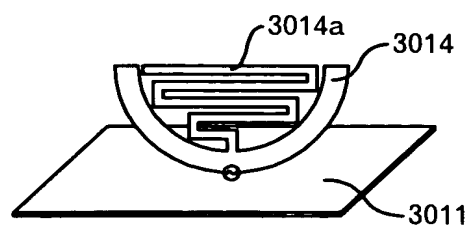


FIG. 45L

30/31

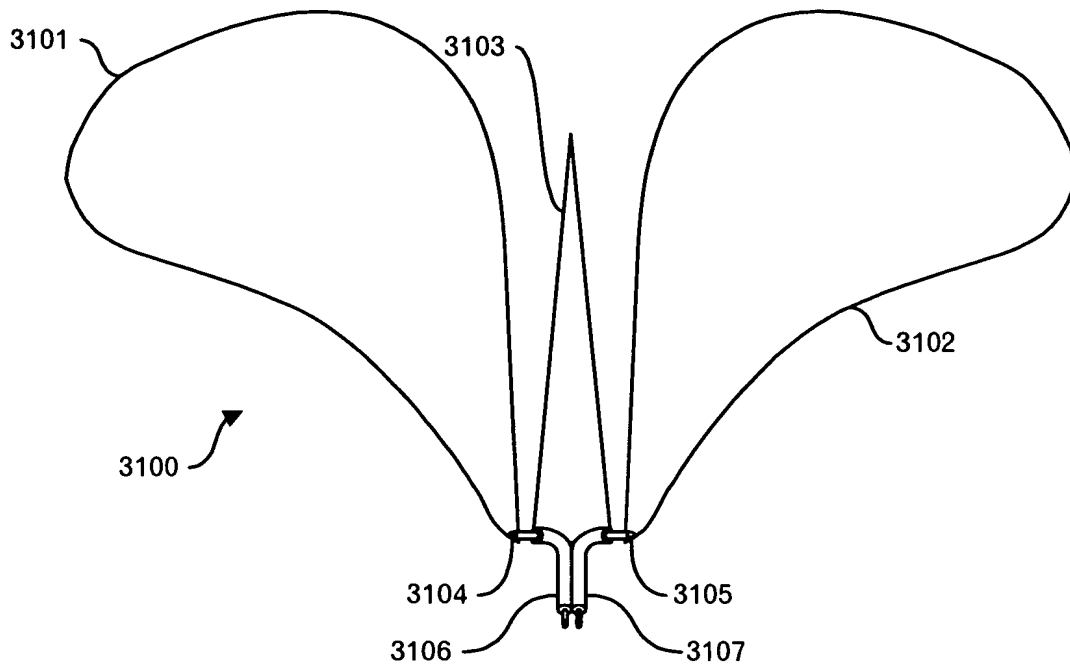


FIG. 46

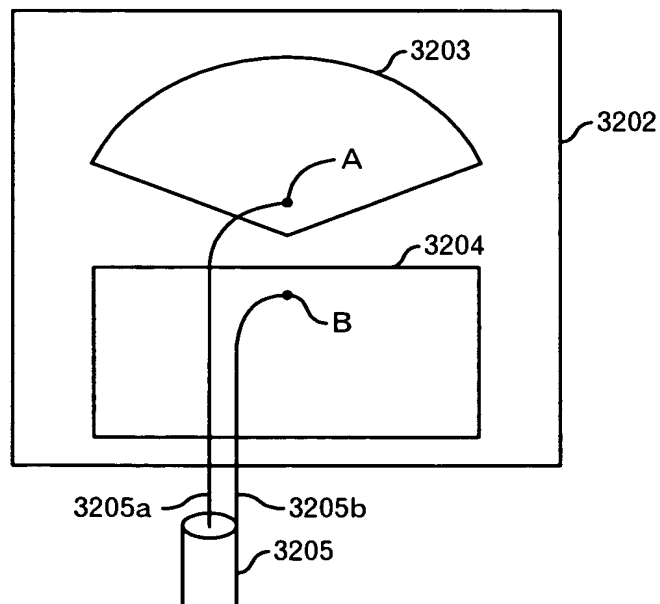


FIG. 47

31/31

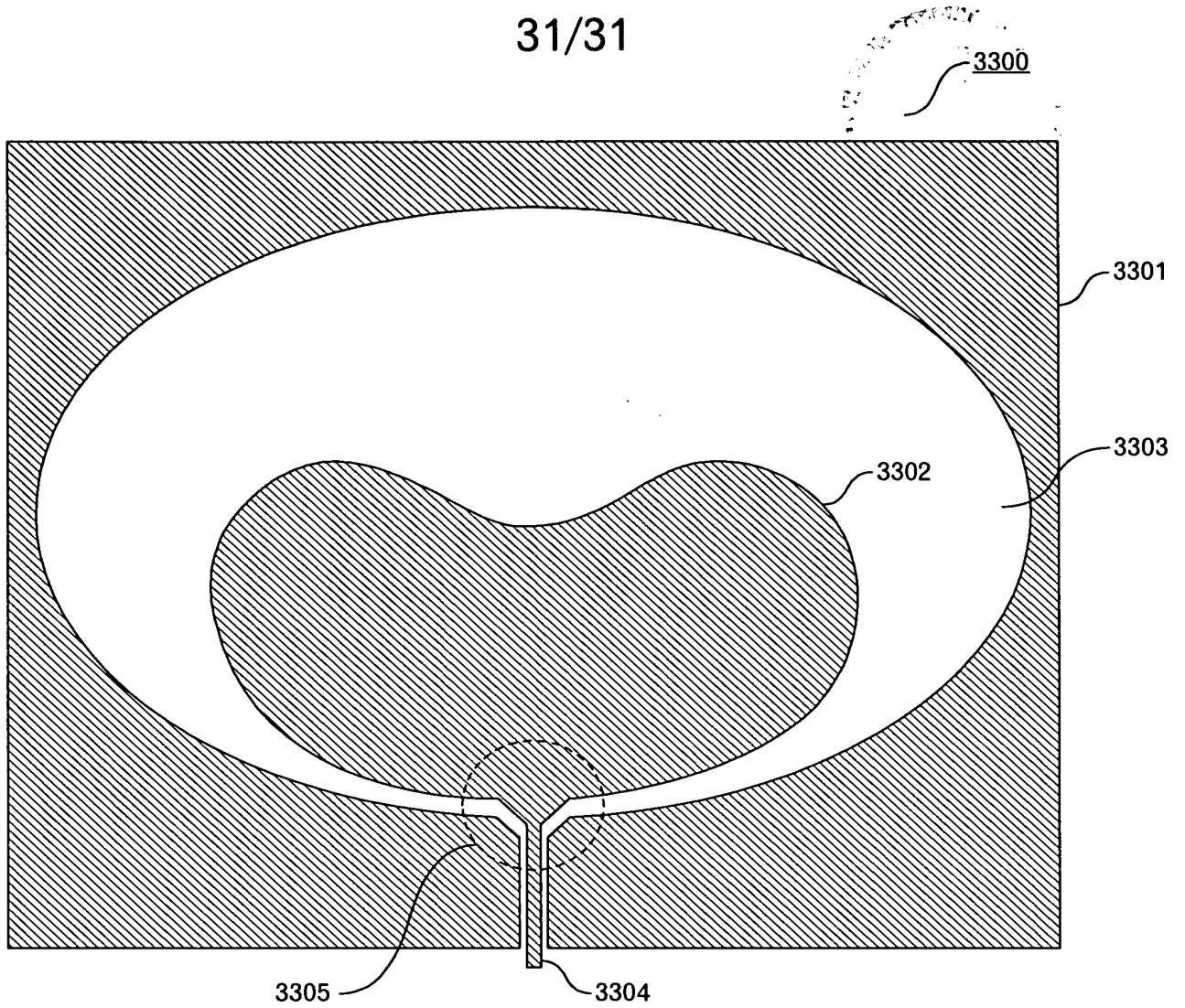


FIG. 48

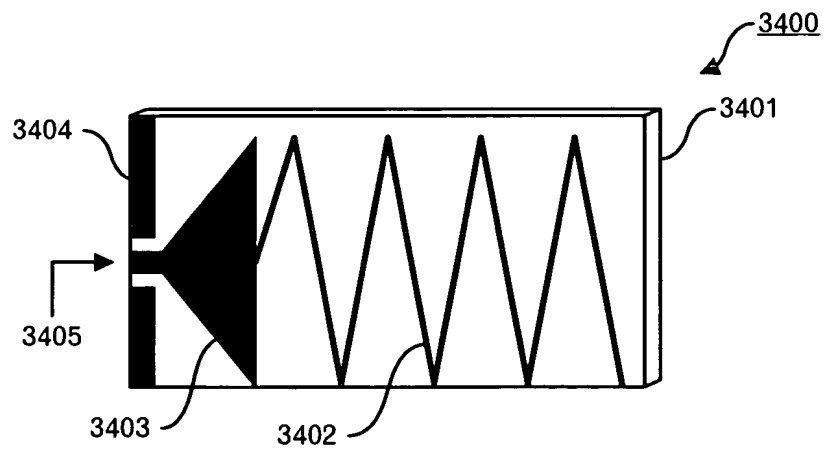


FIG. 49